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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/874,012	06/06/2001	Shigehiro Kadota	35.C15407	7491

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EXAMINER

NGUYEN, JENNIFER T

ART UNIT PAPER NUMBER

2674

DATE MAILED: 10/24/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/874,012

Applicant(s)

KADOTA ET AL.

Examiner

Jennifer T Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 06 June 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-32 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-32 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Jakobs et al. (U.S. Patent No. 5,300,943) in view of Beckman (U.S. patent No. 5,105,183).

Regarding claims 1, 4, 6, 9, 11 and 12, referring to Figs. 1-3, Jakobs teaches a display apparatus (1) displaying images from a plurality of information processing apparatuses (15, 17, and 18), comprising: image inputting means for inputting respective image signals from the plurality of information processing apparatuses (15, 17, and 18); inputting means (121a) for inputting a signal containing coordinate information; determining means (16) for determining an information processing apparatus (15, 17, and 18) to which the input signal is sent, based on the input signal inputted by the inputting means (121a); and communication means (20) for sending the input signal to the information processing apparatus determined by determining means (from col. 7, line 65 to col. 8, line 21, col. 9, lines 23-33, lines 61-68 and from col. 10, line 1 to col. 12, line 49).

Jakobs differs from claims 1, 4, 6, 9, 11 and 12 in that he does not specifically teach plurality of display screen display regions. Jakobs teaches display controlling means for constructing on a plurality of display screens (125, 133, and 141) in which respective image signals from said plurality of information processing apparatuses (15, 17, and 18) are displayed

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(from col. 10, line 1 to col. 12, line 49). However, referring to Figs. 1-4, Beckman teaches display controlling means for constructing on a display screen display regions (18) in which respective image signals from said plurality of information processing apparatuses are displayed (col. 3, lines 3-59). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the display screen display regions as taught by Beckman in the system of Jakobs in order to provide a display apparatus with display screen display regions are connected with information processing apparatuses use with a coordinate input device.

Regarding claims 2 and 7, the combination of Jakobs and Beckman teaches the determining means (16) determines an information processing apparatus (15, 17, and 18) to which the input signal is sent, based on the coordinate on the display screen (121) indicated by said input signal (col. 10, lines 11-29 of jakobs).

Regarding claims 3 and 8, the combination of Jakobs and Beckman teaches the display controlling means (i.e., CPU) displays on a first display region an image signal from a first information processing apparatus, and displays on a second display region at least one image signal from a second information processing apparatus in the first display region (from col. 10, line 1 to col. 11, line 64 of Jakobs).

Regarding claims 5 and 10, the combination of Jakobs and Beckman teaches the determining means (16) converts the coordinate information indicated by said input signal into absolute coordinate information of a display region corresponding to the information processing apparatus to which the input signal is sent (from col. 10, line 1 to col. 11, line 64 of Jakobs).

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Regarding claim 13, the combination of Jakobs and Beckman teaches that the apparatus further comprising said coordinate input device (121a) (col. 10, lines 11-29 of Jakobs).

Regarding claim 14, the combination of Jakobs and Beckman teaches the coordinate input device (121a) is provided in such a manner that the coordinate device is placed over said display surface (121) (col. 10, lines 11-29 of Jakobs).

Regarding claims 15 and 16, the combination of Jakobs and Beckman teaches coordinate input device (121a) electrically reads the indicated position on said display surface (121) (col. 7, lines 65-68 of Jakobs).

Regarding claims 17-21, the combination of Jakobs and Beckman teaches the determination circuit (16) determines an information processing apparatus to which said input signal is sent, according to information that is given externally (from col. 9, line 23 to col. 10, line 63 of Jakobs).

Regarding claims 22-31, the combination of Jakobs and Beckman teaches the determination circuit (16) determines an information processing apparatus to which said input signal is sent, based on said input signal (from col. 9, line 23 to col. 10, line 63 of Jakobs).

Regarding claim 32, the combination of Jakobs and Beckman teaches further comprising a conversion circuit (not shown) to convert said input signal, so that the information processing apparatus to which said input signal is sent can use the signal sent from this display apparatus without using information indicating where the display region in which the image signal outputted by the information processing apparatus is positioned on said display surface (121) (from col. 9, line 23 to col. 10, line 63 of Jakobs).

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3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

Squires et al. (U.S. Patent No. 5,388,202) teaches method and apparatus for generating window borders.

Habata (U.S. Patent No. 5,588,106) teaches data processing device comprising a touch screen and a force sensor.

Odryna et al. (U.S. Patent No. 6,333,750) teaches multi-sources video distribution hub.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Jennifer T. Nguyen** whose telephone number is **703-305-3225**.

The examiner can normally be reached on Mon-Fri from 9:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Richard A Hjerpe** can be reach at **703-305-4709**.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, DC. 20231

**Or faxed to: 703-872-9306 (for Technology Center 2600 only)**

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, sixth-floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding

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should be directed to the Technology Center 2600 Customer Service Office whose telephone number is 703-306-0377.

Jennifer T. Nguyen

10/16/03



**RICHARD WJERPE**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2600**